Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1500750

Luminaire Tested: GSS-SB1B-830-U-T4LG

Issue Date: 07/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1500750
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-830-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(26) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4620.8 lumens
Efficiency:	N/A
Efficacy:	115.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

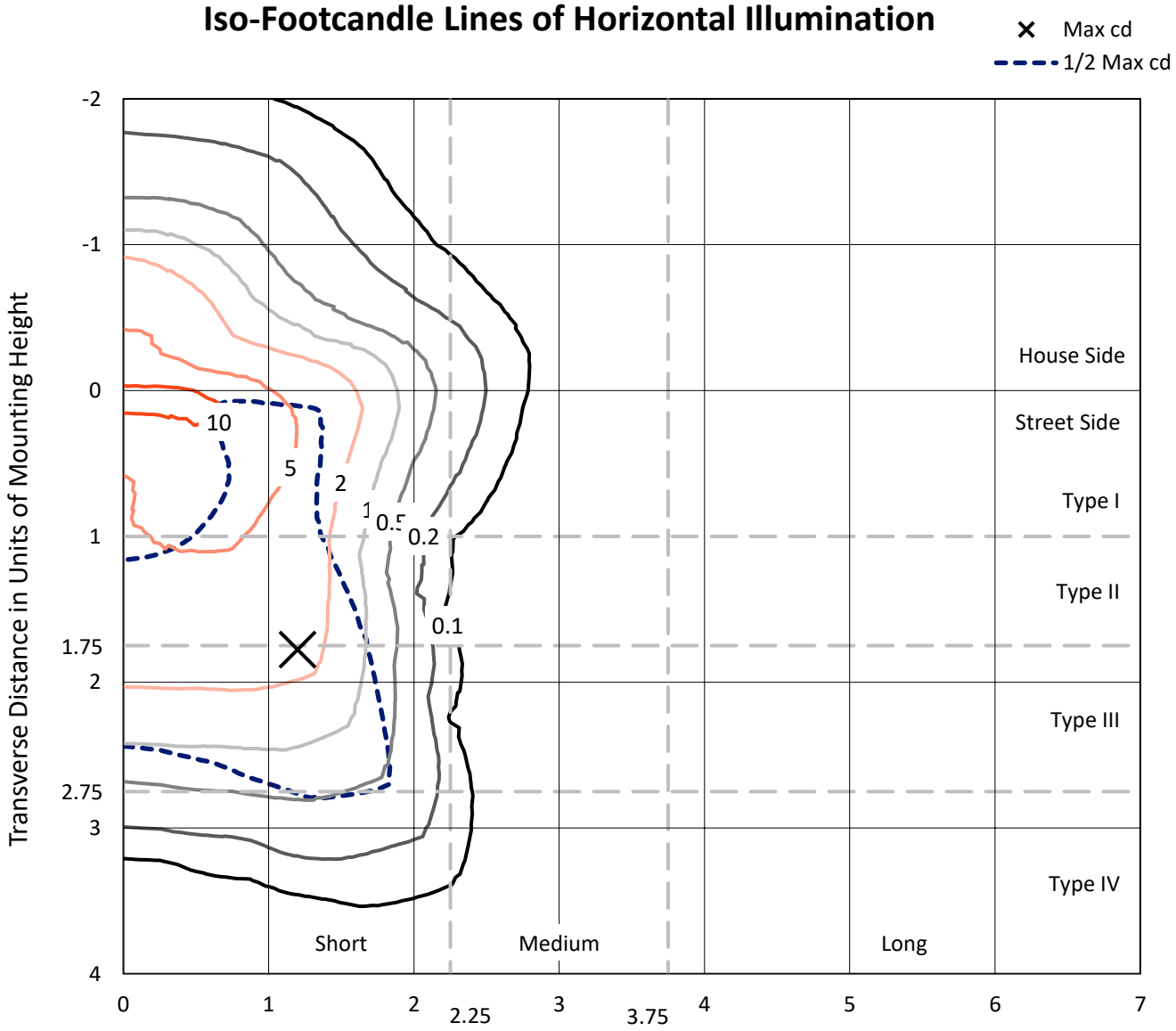
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500750
CATALOG NUMBER: GSS-SB1B-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



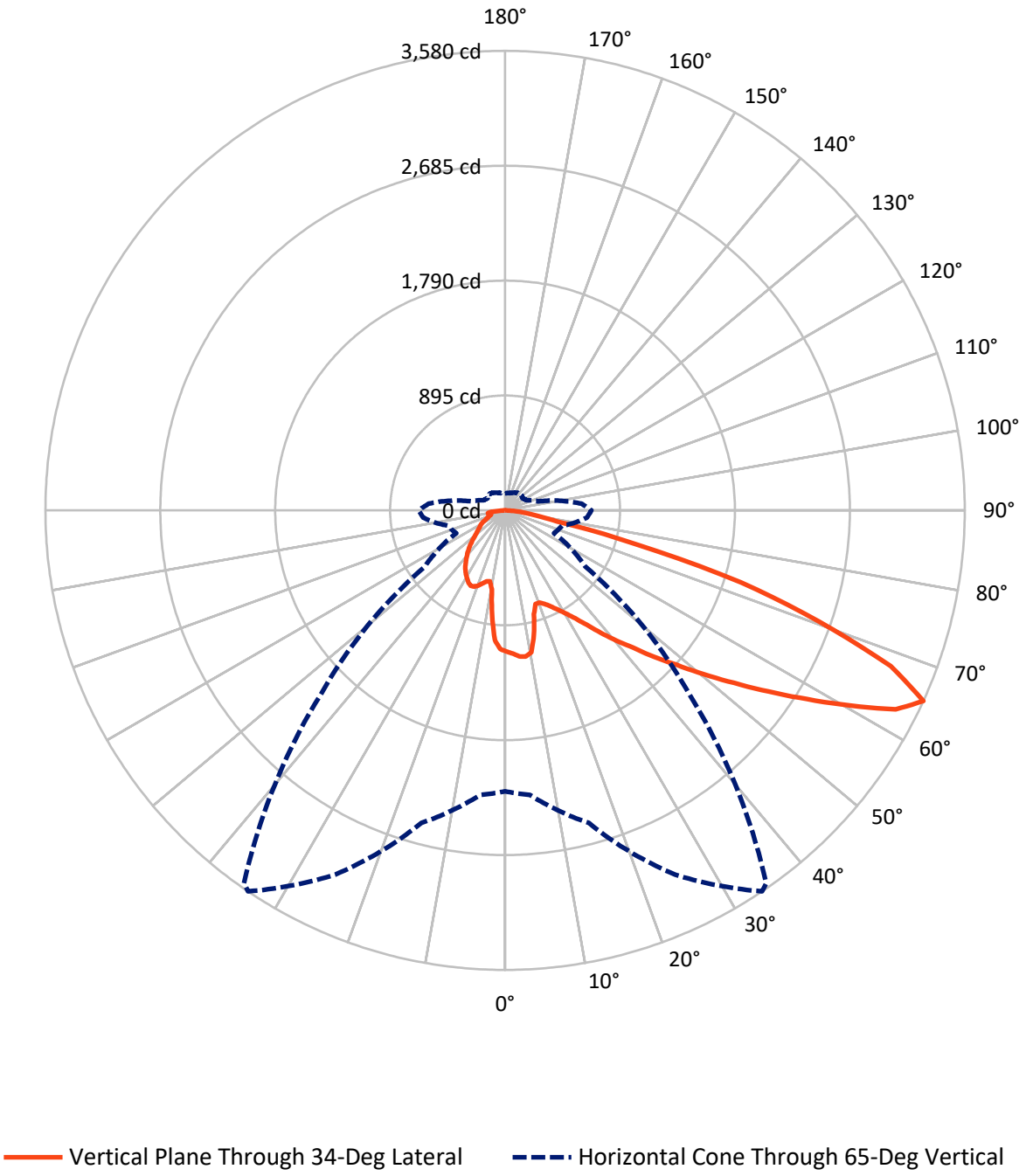
Based on 10 foot mounting height. Maximum calculated value = 11.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1500750
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Luminous Intensity Polar Plot



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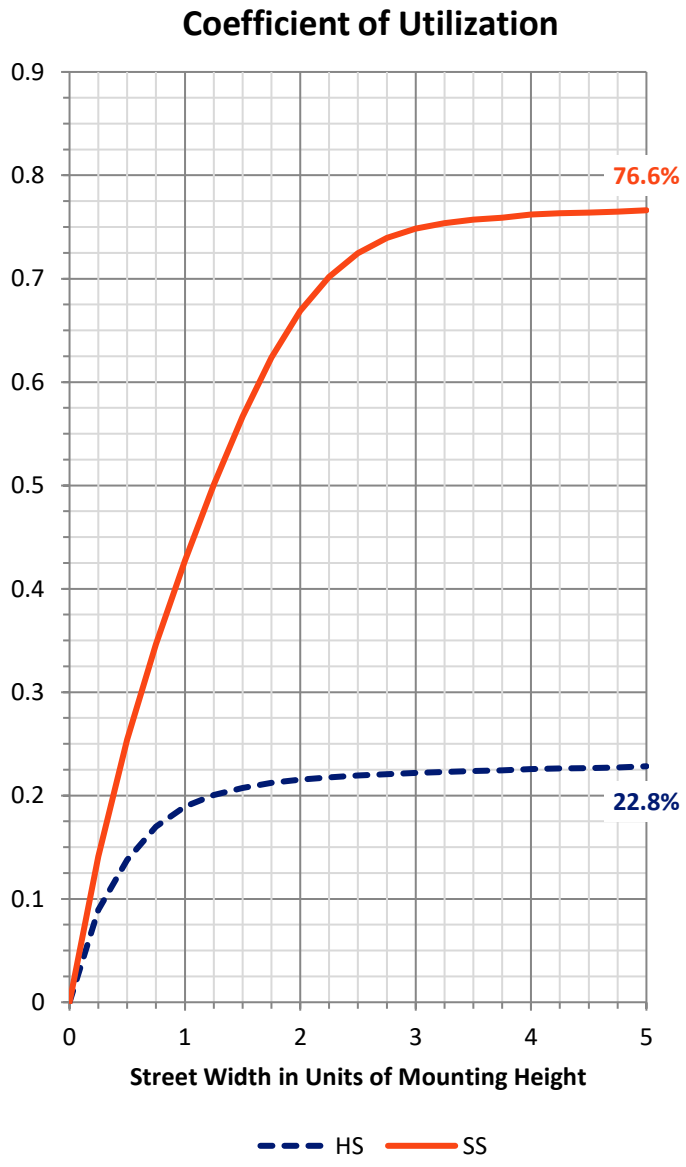
REPORT NUMBER: P1500750
CATALOG NUMBER: GSS-SB1B-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1075.1	0.0	1075.1
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	3545.7	0.0	3545.7
	% Fixture	76.7	0.0	76.7
Total	Lumens	4620.8	0.0	4620.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.0	2.1
10°-20°	249.3	5.4
20°-30°	413.2	8.9
30°-40°	621.4	13.4
40°-50°	870.6	18.8
50°-60°	1097.7	23.8
60°-70°	944.1	20.4
70°-80°	280.7	6.1
80°-90°	44.8	1.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4620.8	100.0
0°-180°	4620.8	100.0



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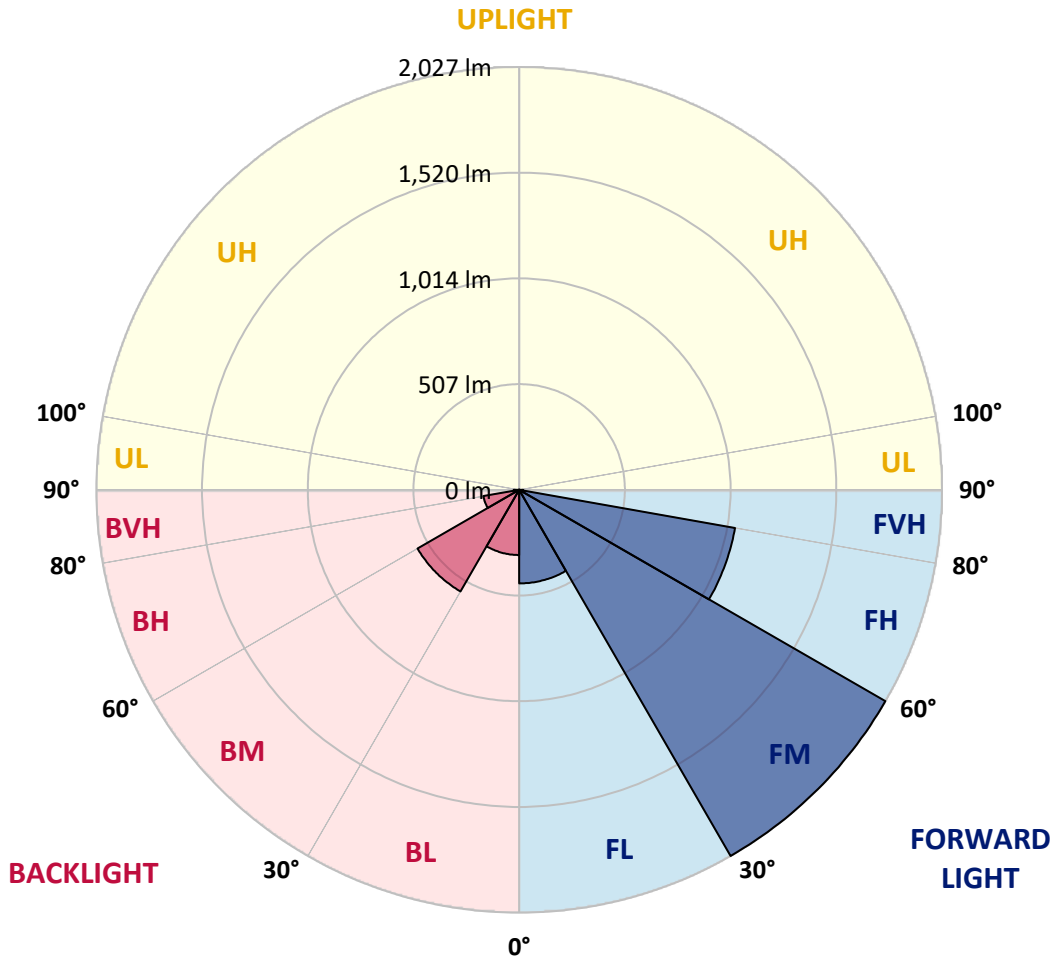
Scaled Data Report

REPORT NUMBER: P1500750
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	448.7	9.7			
FM	(30°-60°)	2027.3	43.9			
FH	(60°-80°)	1050.8	22.7			G1/1800
FVH	(80°-90°)	18.9	0.4			G1/100
BL	(0°-30°)	312.8	6.8	B1/500		
BM	(30°-60°)	562.4	12.2	B1/1000		
BH	(60°-80°)	174.0	3.8	B1/500		G1/500
BVH	(80°-90°)	25.8	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	1098.6	1098.6	1098.6	1098.6	*1098.6*	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6
2.5°	1119.5	1125.8	1118.5	1115.4	*1116.4*	1117.4	1112.2	1113.3	1107.0	1107.0	1101.7
5°	1143.6	1144.6	1140.5	1143.6	*1142.6*	1141.5	1141.5	1140.5	1126.9	1123.7	1118.5
7.5°	1130.0	1134.2	1136.3	1147.8	*1150.9*	1157.2	1161.4	1163.5	1153.0	1144.6	1131.0
10°	1005.5	1008.6	1032.7	1085.0	*1124.8*	1132.1	1170.8	1192.8	1185.5	1181.3	1158.2
12.5°	803.6	808.8	836.0	904.0	*997.1*	1017.0	1140.5	1214.7	1231.5	1232.5	1199.1
15°	716.7	716.7	725.1	763.8	*839.1*	854.8	1036.9	1221.0	1280.7	1288.0	1247.2
17.5°	698.9	697.9	703.1	726.1	*765.9*	775.3	917.6	1188.6	1339.3	1351.8	1299.5
20°	697.9	694.7	705.2	731.4	*765.9*	774.3	862.1	1132.1	1385.3	1425.1	1351.8
22.5°	698.9	698.9	713.6	751.2	*791.0*	798.3	872.6	1085.0	1423.0	1501.4	1407.3
25°	710.4	708.3	729.3	775.3	*829.7*	834.9	915.5	1082.9	1455.4	1587.2	1474.2
27.5°	729.3	730.3	758.6	814.0	*875.7*	886.2	975.1	1127.9	1495.2	1681.4	1539.1
30°	769.0	770.1	803.6	860.1	*931.2*	944.8	1044.2	1194.9	1551.7	1782.9	1609.2
32.5°	814.0	819.2	860.1	926.0	*1002.4*	1009.7	1129.0	1295.3	1636.4	1884.4	1684.5
35°	889.4	894.6	940.6	1009.7	*1094.4*	1104.9	1232.5	1411.5	1740.0	1986.9	1743.1
37.5°	986.7	990.8	1035.8	1119.5	*1209.5*	1220.0	1347.6	1534.9	1844.6	2068.5	1795.4
40°	1102.8	1112.2	1160.3	1242.0	*1333.0*	1339.3	1473.2	1654.2	1957.6	2125.0	1816.4
42.5°	1229.4	1238.8	1288.0	1378.0	*1461.7*	1480.5	1609.2	1780.8	2049.7	2150.1	1799.6
45°	1391.6	1389.5	1435.5	1529.7	*1628.0*	1635.4	1754.6	1885.4	2105.1	2129.2	1782.9
47.5°	1588.3	1590.4	1619.7	1696.0	*1797.5*	1814.3	1906.3	1975.4	2137.6	2112.5	1764.1
50°	1810.1	1815.3	1840.4	1895.9	*2004.7*	2016.2	2043.4	2038.2	2157.5	2076.9	1771.4
52.5°	2031.9	2035.0	2068.5	2127.1	*2232.8*	2241.2	2181.5	2086.3	2083.2	1933.6	1755.7
55°	2214.0	2212.9	2272.6	2362.5	*2491.2*	2486.0	2317.5	2049.7	1850.9	1710.7	1685.6
57.5°	2372.0	2378.2	2455.7	2611.6	*2773.7*	2769.5	2463.0	1856.1	1511.9	1447.0	1571.5
60°	2514.2	2528.9	2674.3	2907.7	*3086.6*	3061.5	2489.1	1564.2	1176.0	1133.1	1345.5
62.5°	2452.5	2479.7	2713.0	3168.2	*3414.1*	3358.6	2328.0	1211.6	796.2	757.5	951.1
65°	*2188.8*	*2225.5*	*2521.6*	*3130.5*	*3580.4*	*3545.9*	*2035.0*	*761.7*	*419.6*	*460.4*	*640.3*
67.5°	1838.3	1882.3	2202.5	2812.4	*3239.3*	3165.0	1581.0	400.7	195.7	303.4	397.6
70°	1007.6	1116.4	1592.5	2391.8	*2594.8*	2491.2	914.5	189.4	142.3	189.4	237.5
72.5°	378.8	404.9	690.6	1608.2	*1922.0*	1794.4	347.4	122.4	119.3	140.2	171.6
75°	182.1	194.6	300.3	731.4	*1049.4*	978.3	170.5	91.0	102.5	109.9	124.5
77.5°	108.8	117.2	187.3	424.8	*413.3*	379.8	104.6	70.1	82.7	78.5	73.2
80°	64.9	72.2	114.0	241.7	*249.0*	220.8	63.8	49.2	57.5	50.2	45.0
82.5°	37.7	40.8	59.6	108.8	*158.0*	145.4	36.6	29.3	41.9	33.5	25.1
85°	18.8	19.9	27.2	47.1	*78.5*	59.6	15.7	13.6	19.9	14.6	8.4
87.5°	4.2	4.2	4.2	5.2	*7.3*	7.3	2.1	1.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1500750
CATALOG NUMBER: GSS-SB1B-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6	1098.6
2.5°	1100.7	1102.8	1095.5	1087.1	1085.0	1078.7	1080.8	1076.6	1070.4	1071.4	1072.5
5°	1111.2	1107.0	1092.3	1073.5	1056.8	1037.9	1016.0	990.8	973.1	965.7	972.0
7.5°	1120.6	1116.4	1091.3	1049.4	992.9	914.5	832.9	758.6	707.3	688.5	692.6
10°	1146.7	1130.0	1084.0	992.9	858.0	709.4	626.7	580.7	565.0	556.6	557.7
12.5°	1181.3	1158.2	1070.4	894.6	690.6	596.4	567.1	556.6	551.4	549.3	551.4
15°	1223.1	1187.5	1037.9	771.1	613.1	576.5	570.2	571.3	571.3	572.3	572.3
17.5°	1259.7	1204.3	979.3	682.2	597.4	587.0	593.2	598.5	598.5	599.5	598.5
20°	1293.2	1212.7	904.0	644.5	600.6	605.8	620.5	625.7	626.7	625.7	625.7
22.5°	1328.8	1217.9	828.7	623.6	607.9	623.6	639.3	646.6	648.7	649.7	650.8
25°	1363.3	1207.4	766.9	606.9	604.8	626.7	644.5	653.9	656.0	656.0	657.1
27.5°	1397.9	1204.3	725.1	584.9	590.1	607.9	628.8	641.4	649.7	650.8	651.8
30°	1437.6	1194.9	685.3	555.6	557.7	579.6	601.6	623.6	640.3	647.7	647.7
32.5°	1464.8	1185.5	649.7	524.2	524.2	547.2	574.4	601.6	625.7	640.3	643.5
35°	1491.0	1177.1	618.4	492.8	493.9	515.8	544.1	573.4	603.7	621.5	629.9
37.5°	1504.6	1168.7	596.4	468.7	464.6	487.6	506.4	530.5	562.9	592.2	599.5
40°	1507.7	1168.7	594.3	452.0	434.2	460.4	468.7	485.5	514.8	546.2	557.7
42.5°	1486.8	1157.2	604.8	441.5	402.8	421.7	431.1	439.4	458.3	484.4	493.9
45°	1461.7	1141.5	614.2	426.9	364.1	378.8	393.4	394.5	402.8	409.1	415.4
47.5°	1440.7	1124.8	597.4	399.7	324.4	334.8	350.5	350.5	346.3	333.8	329.6
50°	1457.5	1130.0	569.2	361.0	287.7	295.1	311.8	302.4	293.0	266.8	263.7
52.5°	1472.1	1149.9	535.7	323.3	256.3	263.7	280.4	265.8	246.9	226.0	222.9
55°	1448.1	1150.9	474.0	281.5	234.4	240.6	256.3	238.6	220.8	208.2	206.1
57.5°	1375.9	1119.5	409.1	249.0	215.5	221.8	236.5	218.7	201.9	200.9	206.1
60°	1216.8	1009.7	349.5	228.1	197.7	205.1	219.7	200.9	178.9	169.5	172.6
62.5°	918.6	776.4	299.2	204.0	181.0	190.4	200.9	170.5	151.7	147.5	143.3
65°	*671.7*	*596.4*	*268.9*	*185.2*	*165.3*	*176.8*	*168.5*	*151.7*	*139.2*	*135.0*	*132.9*
67.5°	434.2	404.9	231.2	167.4	150.7	160.1	148.6	140.2	126.6	124.5	127.6
70°	265.8	275.2	193.6	147.5	136.0	133.9	136.0	127.6	113.0	116.1	120.3
72.5°	188.3	203.0	166.4	128.7	116.1	112.0	121.4	116.1	105.7	108.8	113.0
75°	135.0	150.7	137.1	105.7	98.4	96.3	113.0	116.1	108.8	110.9	114.0
77.5°	79.5	96.3	97.3	81.6	74.3	85.8	120.3	133.9	128.7	122.4	119.3
80°	51.3	57.5	69.1	52.3	52.3	74.3	131.8	163.2	140.2	124.5	122.4
82.5°	26.2	30.3	45.0	33.5	31.4	55.5	129.7	155.9	154.9	138.1	135.0
85°	7.3	9.4	20.9	14.6	12.6	29.3	97.3	117.2	104.6	76.4	77.4
87.5°	1.0	1.0	0.0	0.0	1.0	4.2	11.5	2.1	2.1	2.1	2.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

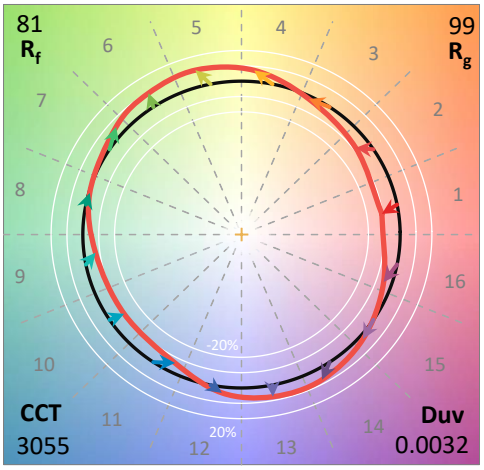
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

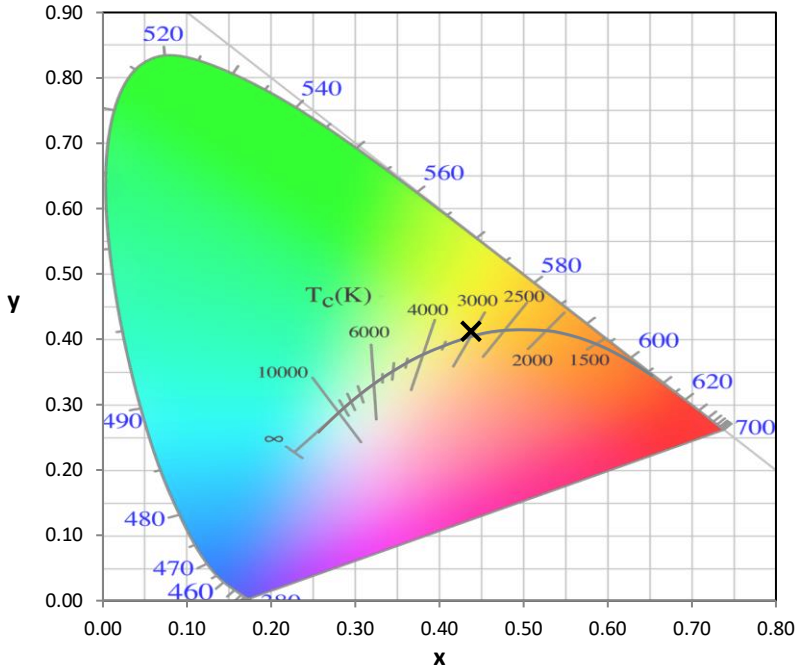
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

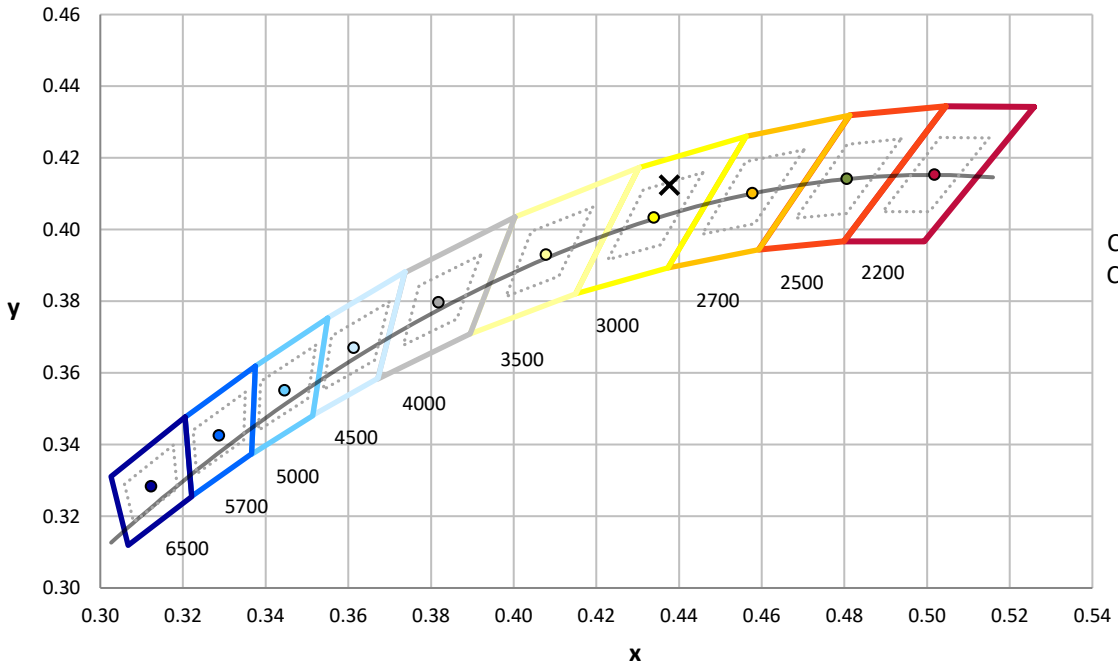
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

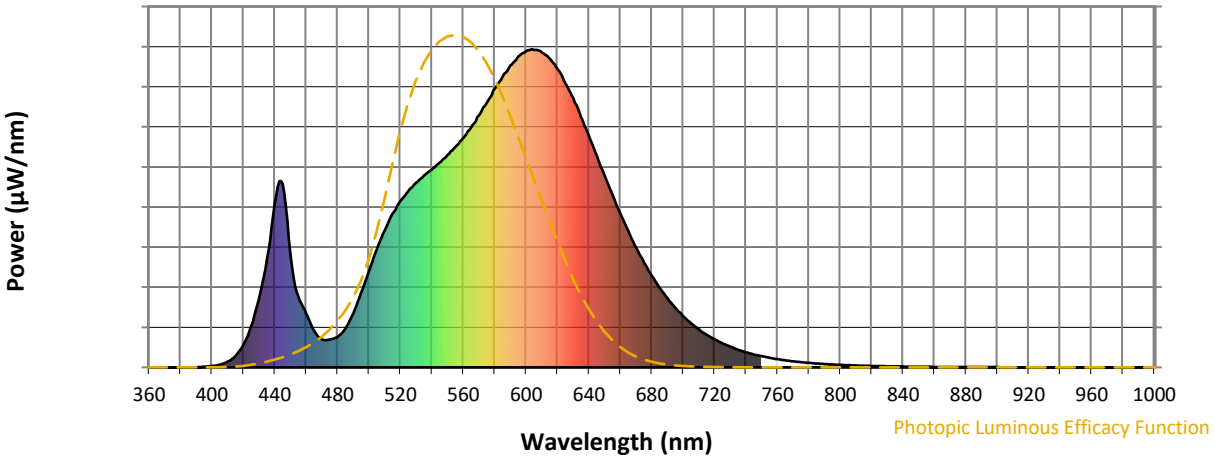


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

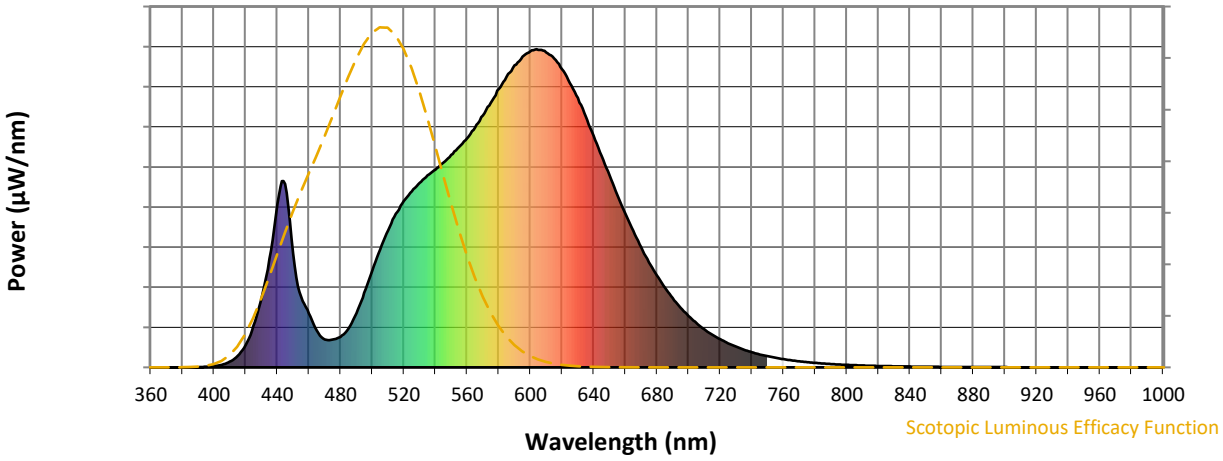


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

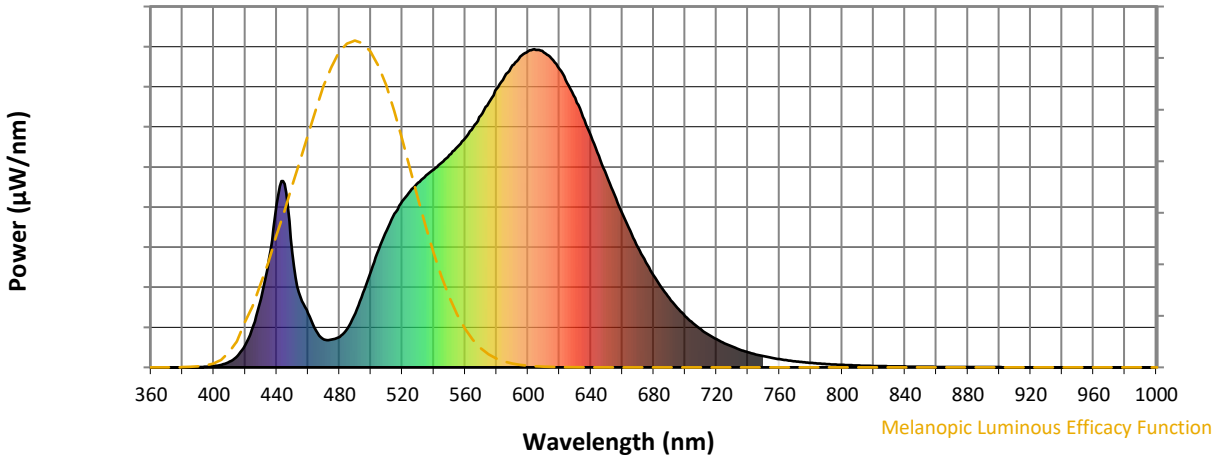


Scotopic Lumens: NR **S/P: 1.28**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

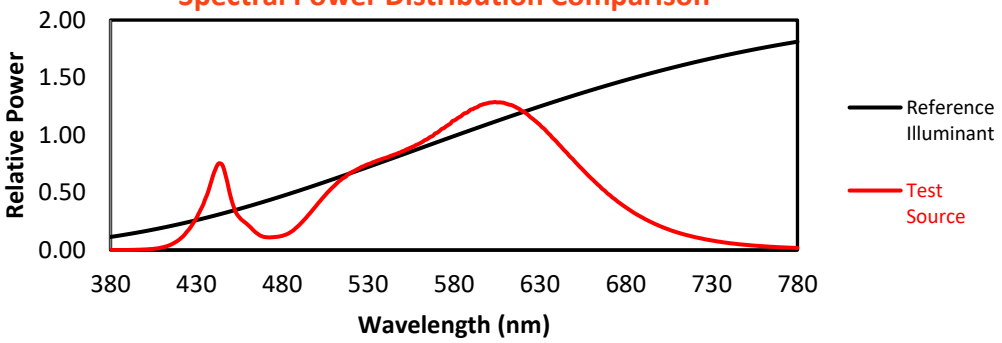
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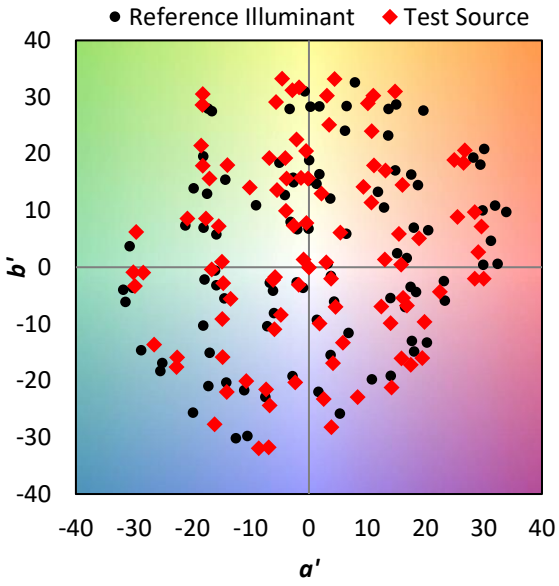
Summary

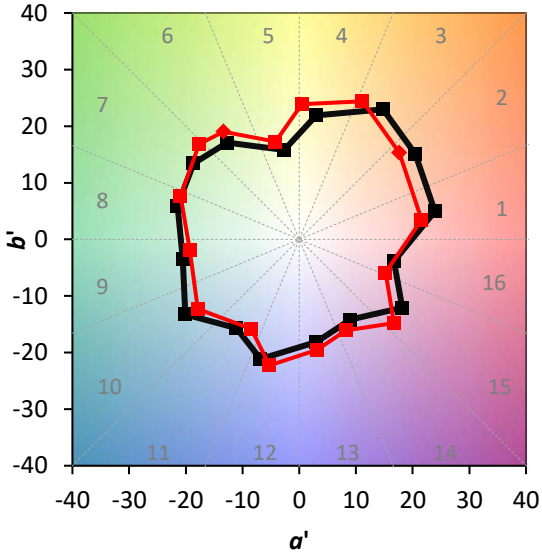
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

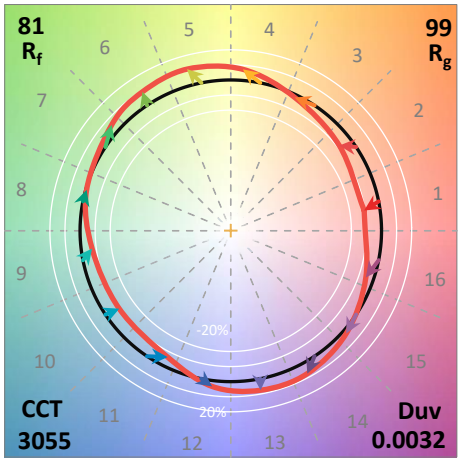
Spectral Power Distribution Comparison

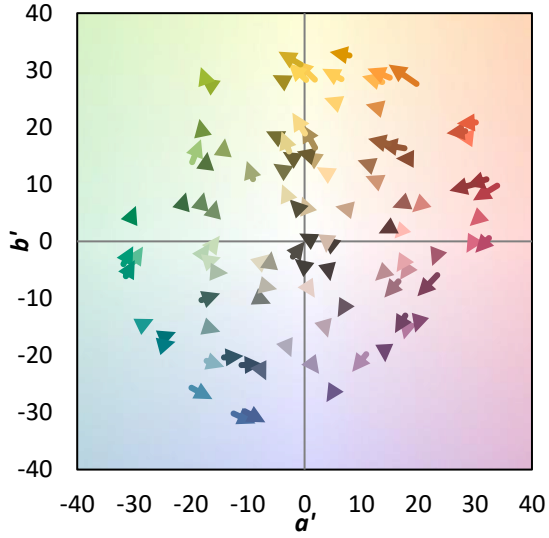


Color Vector Graphics







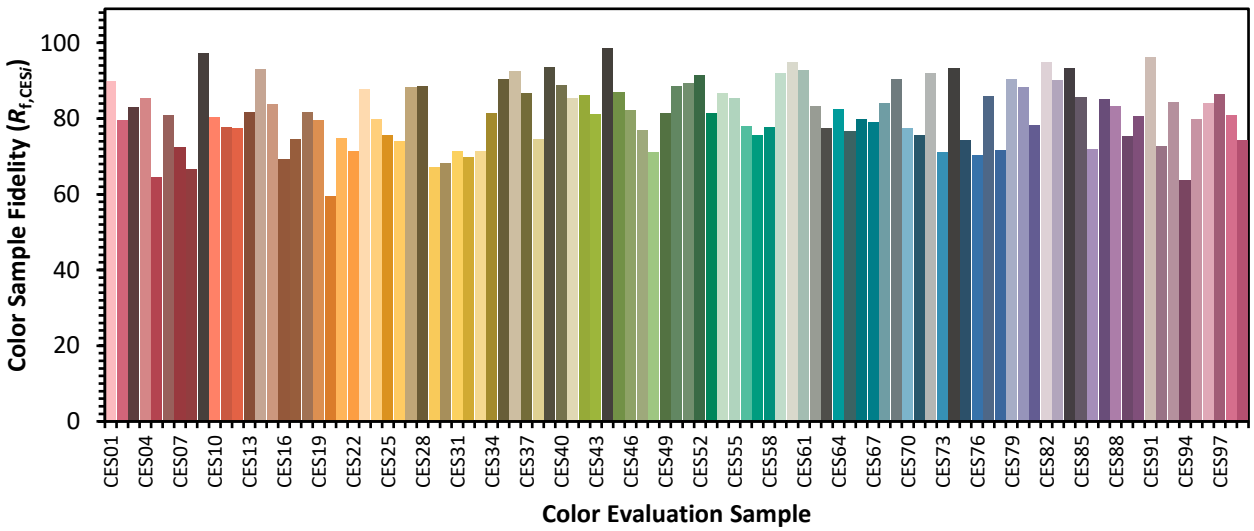


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Individual Sample Fidelity Index ($R_{f,i}$)

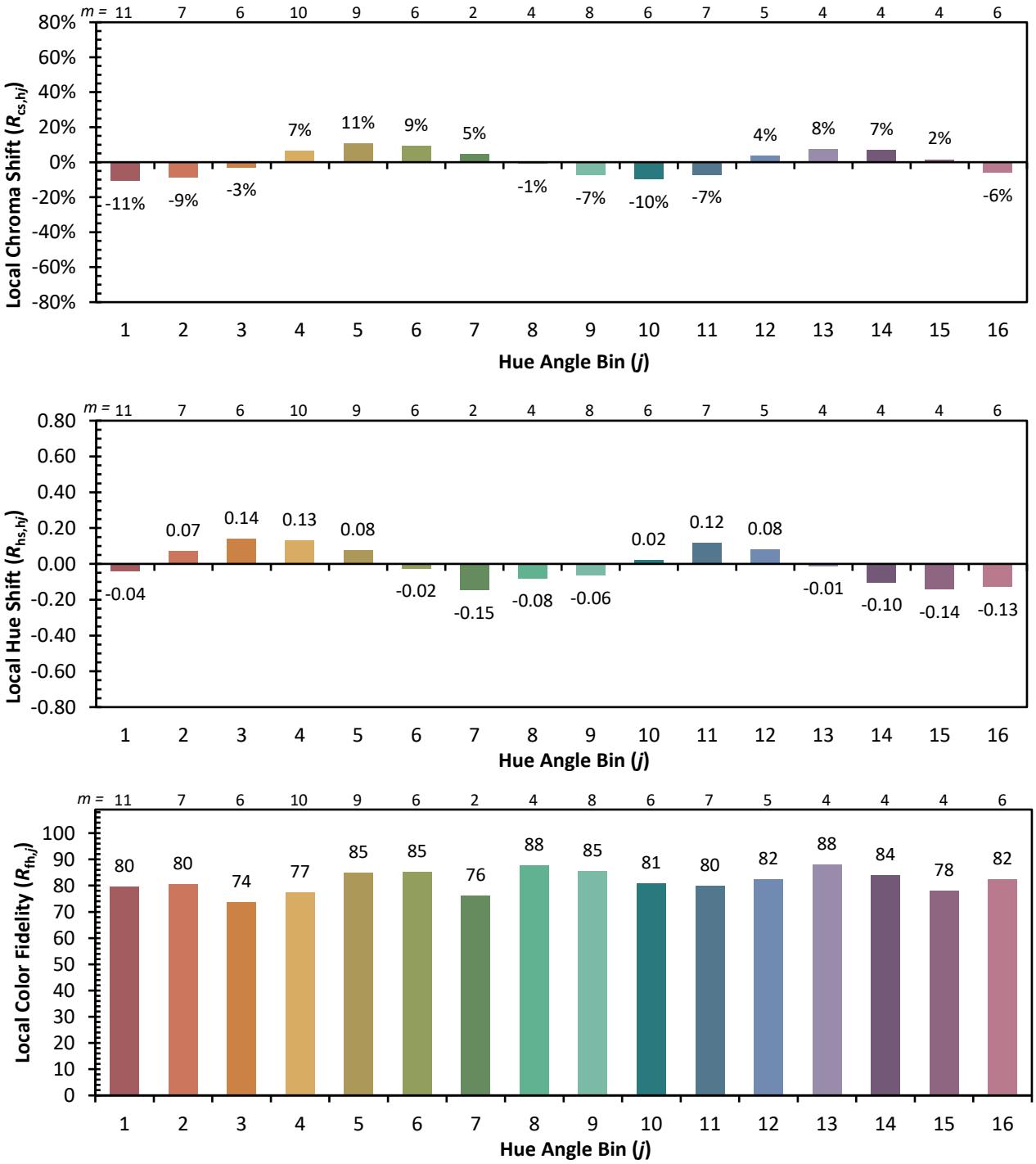
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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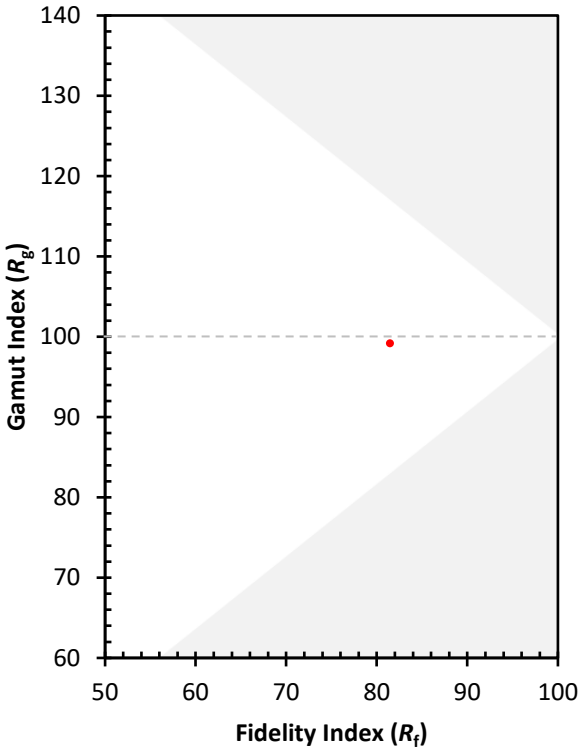
Color Rendition by Hue-Angle Bin

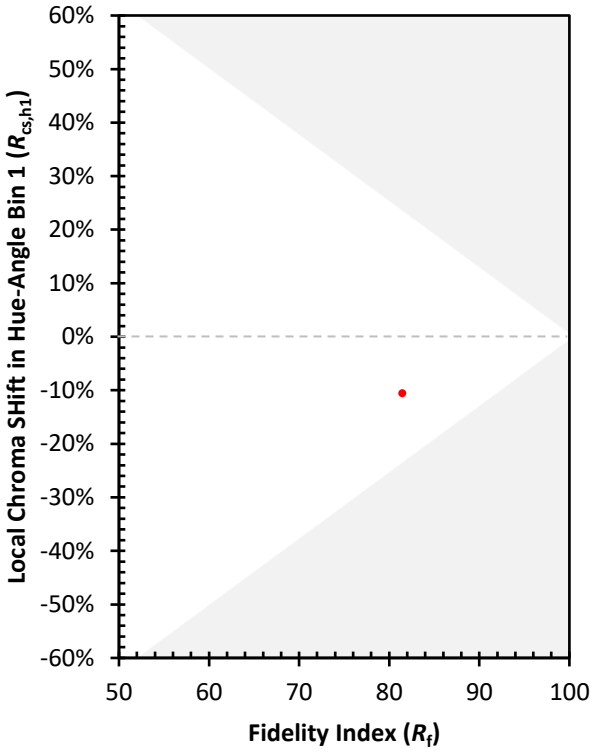


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Measure Comparisons





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